

ir nal Application No PCT/GB 03/05673

A CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B6/16 G02B G02B6/12 G02B6/20 C03B37/012 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) GO2B CO3B IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages WO 99/64903 A (BARKOU STIG EIGIL ; BJARKLEV 1-9. X 11-21, ANDERS OVERGAARD (DK); BROENG JES (DK)) 16 December 1999 (1999-12-16) 23-26, 30-36 cited in the application page 22 -page 25; figures 4,15,21 page 28, line 31 -page 29, line 4 page 43, line 22 - line 28 10,27,29 Y WO 00/49436 A (UNIV BATH ; BIRKS TIMOTHY 1,2,8, 11-21, ADAM (GB); KNIGHT JONATHAN CAVE (GB); RUS) 25,26, 24 August 2000 (2000-08-24) 28,30-36 cited in the application page 17, line 30 - line 33; figures 9,14 Y WO 02/072489 A (SKOVGAARD PETER M W 10,27,29 ; BROENG JES (DK); CRYSTAL FIBRE AS (DK); JAKOB) 19 September 2002 (2002-09-19) page 34, line 19 - line 35; figure 11 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : "I" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date daimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 04/05/2004 22 April 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Bourhis, J-F Fax: (+31-70) 340-3016



ti pnet Application No PCT/GB 03/05673

	tent document in search report		Publication date		Patent family member(s)	Publication date
WO	9964903	A	16-12-1999	AU	755223 B2	05-12-2002
				AU	3026099 A	30-12-1999
				AU	755547 B2	12-12-2002
				AU	3810699 A	30-12-1999
				CA	2334510 A1	16-12-1999
				CA	2334554 A1	16-12-1999
				WO	9964904 A1	16-12-1999
				WO	9964903 Al	16-12-1999
				EP	1086393 A1	28-03-2001
				ΕP	1086391 A1	28-03-2001
				JP	2002517793 T	18-06-2002
				JP	2002517794 T	18-06-2002
				NZ	509201 A	26-11-2002
				US	6539155 B1	25-03-2003
WO	0049436	Α	24-08-2000	AT	247837 T	15-09-2003
				ΑT	250772 T	15-10-2003
				ΑU	767773 B2	27-11-2003
				ΑU	2564900 A	04-09-2000
				ΑU	2565000 A	04-09-2000
				CA	2362992 A1	24-08-2000
				CA	2362997 A1	24-08-2000
				CN	1341219 T	20-03-2002
				CN	1341221 T	20-03-2002
				DE	60004638 D1	25-09-2003
				DE	60005486 D1	30-10-2003
				DK	1153324 T3	24-11-2003
				DK	1153325 T3	26-01-2004
				EP	1153324 A1	14-11-2001
				ΕP	1153325 A1	14-11-2001
				EP	1340725 A2	03-09-2003
				EP	1385028 A1	28-01-2004
				WO	0049435 A1	24-08-2000
				WO	0049436 A1	24-08-2000
				JP	2002537574 A	05-11-2002
				JP	2002537575 A	05-11-2002
				US 	6631234 B1	07-10-2003
WÒ	02072489	A	19-09-2002	WO	02072489 A2	19-09-2002